

WHAT IS CLAIMED IS:

A3

1. A mounting apparatus, comprising:
a rack defining a first mounting aperture, a second mounting aperture,
and a support surface;
5 a slide;
a bracket mounted to an end of said slide, said bracket having a first wall
abutting said rack and a second wall transverse to said first wall, said bracket
defining a supported portion extending into said first mounting aperture, said
supported portion defining a supported surface; and
10 a latch mounted on said second wall of said bracket, said latch movable
between a first position extending into said second mounting aperture and a
second position not extending into said second mounting aperture, said latch
defining a locking surface, said locking surface and said supported surface
cooperating to limit vertical movement of said bracket with respect to said rack
15 when said latch is in said first position.
2. The apparatus of Claim 1, further comprising a biasing means for biasing
said latch towards said first position.
3. The apparatus of Claim 2, wherein said biasing means is a coil spring
having a first end connected to said latch and a second end connected to said bracket.
- 20 4. The apparatus of Claim 3, wherein a longitudinal axis of said coil spring
is generally parallel to a direction of movement of said latch between said first position
and said second position.
5. The apparatus of Claim 1, wherein said supported portion comprises at
least one mounting hook extending outwardly and downwardly from said second wall.
- 25 6. The apparatus of Claim 1, further comprising:
a chassis having one or more mounting protrusions extending therefrom,
said slide comprising a stationary portion and a telescoping portion, said
telescoping portion being slidably attached to said stationary portion and having
one or more mounting slots formed therein, said mounting slots engaging said
30 mounting protrusions to support said chassis on said slide; and

Q3
cont

a lock provided at one of said slots, said lock selectively engaging an associated one of said mounting protrusions to prevent removal of said mounting protrusion from said slot.

7. A mounting apparatus, comprising:

a rack defining a first mounting aperture, a second mounting aperture, and a support surface;

a slide;

a bracket mounted to an end of said slide, said bracket defining a supported portion extending into said first mounting aperture, said supported portion defining a supported surface; and

a latch mounted on said bracket, said latch linearly movable between a first position extending into said second mounting aperture and a second position not extending into said second mounting aperture, said latch defining a locking surface, said locking surface and said supported surface cooperating to limit vertical movement of said bracket with respect to said rack when said latch is in said first position.

8. The apparatus of Claim 5, further comprising a coil spring having one end connected to said latch and one end connected to said bracket, said coil spring biasing said latch towards said first position.

9. The apparatus of Claim 6, wherein a longitudinal axis of said coil spring is generally parallel to a direction of movement of said latch between said first position and said second position.

10. A mounting apparatus, comprising:

a rack defining a first mounting aperture, a second mounting aperture, and a support surface;

a slide;

a bracket mounted to an end of said slide, said bracket defining a first guide portion, a second guide portion, and a supported portion extending into said first mounting aperture, said supported portion defining a supported surface; and

C3
cont

a latch mounted on said bracket, said latch defining a first slot and a second slot, said first and second slots cooperating with said first and second guide members to allow linear movement of said latch between a first position extending into said second mounting aperture and a second position not extending into said second mounting aperture, said latch defining a locking surface, said locking surface and said supported surface cooperating to limit vertical movement of said bracket with respect to said rack when said latch is in said first position.

11. A mounting apparatus, comprising:

a slide having a stationary portion and a telescoping portion, said telescoping portion being slidably attached to said stationary portion and having one or more mounting slots formed therein;

a chassis having one or more mounting protrusions extending therefrom, said mounting protrusions being engageable in said mounting slots to support said chassis on said slide; and

a lock provided at one of said mounting slots, said lock being selectively engageable with an associated one of said mounting protrusions to prevent removal of said mounting protrusion from said slot.

12. The mounting apparatus of Claim 11, wherein each of said one or more mounting slots comprises a longitudinally extending portion and a transversely extending portion, said mounting protrusions being engageable in said longitudinally extending portions of said mounting slots to limit vertical movement of said chassis with respect to said slide.

13. The mounting apparatus of Claim 12, wherein a single, longitudinally extending mounting slot is provided in said telescoping portion, said mounting protrusions being engageable in said mounting slot to limit vertical movement of said chassis with respect to said slide.

14. The mounting apparatus of Claim 11, wherein said lock comprises a lock arm connected to said telescoping portion, said lock arm being selectively movable between a first position in which a portion of said lock arm extends into said mounting slot to retain said mounting protrusion in said mounting slot, and a second position in

2.
Con't

which said lock arm does not extend into said mounting slot and said mounting protrusion is allowed to pass through said mounting slot.

15. A mounting apparatus, comprising:

5 a slide having a stationary portion and a telescoping portion, said telescoping portion being slidably attached to said stationary portion and having one or more mounting slots formed therein;

a chassis having one or more mounting protrusions extending therefrom, said mounting protrusions being engageable in said mounting slots to support said chassis on said slide; and

10 a lock arm provided at one of said mounting slots, said lock arm flexing away from said mounting slot to allow passage of an associated one of said mounting protrusions through said slot in a first direction, and abutting said mounting protrusion to prevent passage of said mounting protrusion through said slot in a second opposite direction.

15 16. The mounting apparatus of Claim 15, wherein said lock arm comprises a raised portion extending into said mounting slot, said raised portion defining an inclined surface, said mounting protrusion riding over said inclined surface when said mounting protrusion passes through said slot in said first direction.